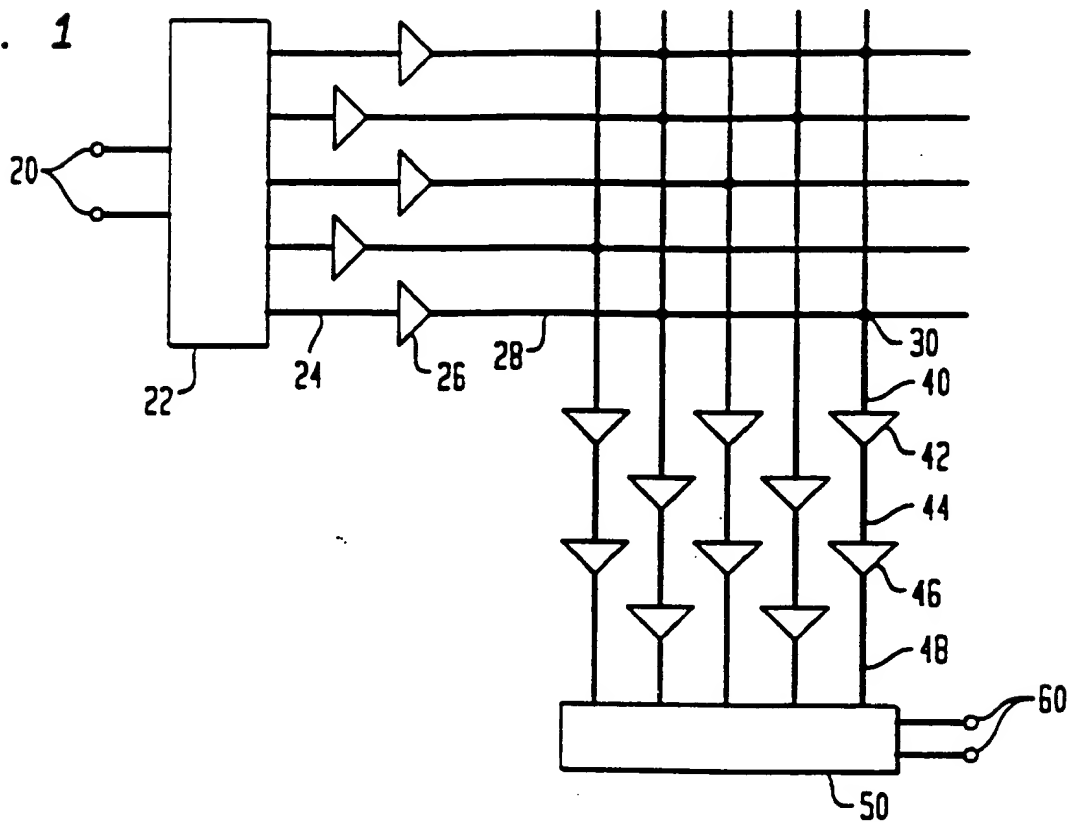


FIG. 1



The diagram illustrates a two-stage current-to-voltage converter. The first stage is an inverting op-amp (26) with its non-inverting input grounded. The input node (24) is connected to a current source (25) and a feedback resistor (29). A current I_a flows through node (27), which is connected to the inverting input of the first op-amp. The output of the first op-amp is connected to a resistor (30) and a node (40). Node (40) is connected to the inverting input of a second op-amp (41), which has a feedback resistor R . The output of the second op-amp is $V_{out} = I_a R$. The diagram is labeled with various reference numerals: 24, 25, 26, 27, 28, 29, 30, 40, 41, and 242.

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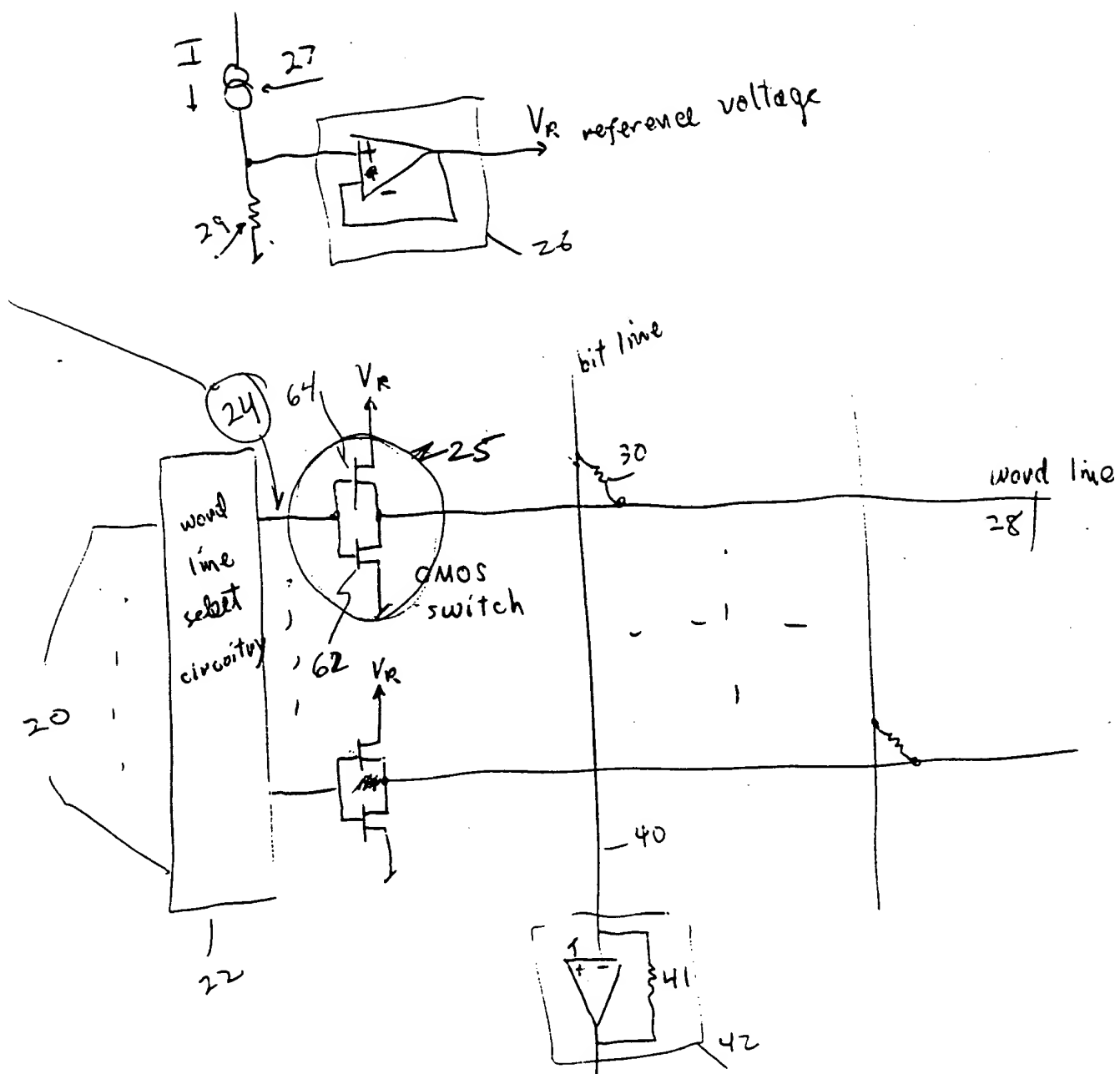


Fig 4